
Library Construction Report

This report covers the period up to August 21, 2019.

The forms for the first pour last week were removed and the forms and rebar were erected that will complete the majority of the foundation on the east, north and westerly side of the building.

As previously noted, the joints between pours are being sealed and then the whole foundation is sealed before backfilling can begin.

Backfilling will take place after perimeter drains are installed and the decking is on the foundation to provide wall support. Some backfilling could begin once the perimeter drains are installed, but can't be completed until the deck is in place to support the walls.

As the photo's below will show, there is an incredibly intricate web of rebar and structure inside of the concrete walls. More than twenty-five tons of rebar and steel. This equates to approximately 40,000 -45,000 feet of rebar in the foundation walls.

The next pour of the foundation is planned to take place on Monday, August 26th. This will complete the north wall, and most of the east and west sections of the foundation, leaving the last pour to be completed that will be the connections and the front wall of the building.

The final pour of the foundation has not been scheduled yet.

The steel is scheduled to start arriving on the 18th and 19th of September with installation to be started as soon as it arrives. As always, these schedules are subject to change, however Phi is doing everything in their power to keep things on schedule and make up for some lost time early in the project. Once the deck is complete, the wall structure will start to be erected. Their ultimate goal is to have the building closed in and weathertight, before the end of the year.



This picture shows the wall at the east end of the library, which is the area below the children's room. While the walls seem very high keep in mind that the finished floor of the lower level is above the footings (the darker areas at the bottom of the wall) and the bottom of the beams and supports for the first floor are not in place and will reduce the interior wall heights.

If you look closely at the upper part of the wall on the left of the photo, you will see the beam pocket, for one of the main beams.



This photo shows the north wall of the space under the children's room.



This photo shows the curved wall under the Marine Room that has a curved wall looking out at Russel Ave. This was a complex wall structure to build but will significantly add to the overall appeal of the building both interior and exterior views.



Looking south towards the marine room and the front of the building.



East and north wall nearly ready for the next pour. This photo shows the elevator pit and the utility conduits coming into the building.



This is a view of the westerly wall of the lower level that borders the Program Room



This photo shows some of the intricate detail of the wall construction rebar that is all hidden once the wall is poured.



Additional rebar delivery that is part of the nearly 45,000 feet of rebar that is in the foundation.



This photo shows the entire jobsite from the top of Phi's trailer, looking east towards the Young's house and Russel Ave.